

LONGLIFE PTFE BOOM GREASE 36 X 400G

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: LONGLIFE PTFE BOOM GREASE

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC24: Lubricants, greases, release products.

1.3 Details of the supplier of the safety data sheet

Company name: Optimoil Limited
Church View Farm
Kelsall Road
Ashton
CH3 8BH
Tel: +44(0) 124 439 0528
Email: sales@optimoil.co.uk

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Aquatic Chronic 3: H412;
Carc. 2: H351; Skin Sens. 1B: H317

Most important adverse effects: May cause an allergic skin reaction. Suspected of causing cancer. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H317: May cause an allergic skin reaction.

H351: Suspected of causing cancer.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting

effects. H412: Harmful to aquatic life with long lasting

effect
Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



Signal words: Warning

Precautionary statements: P201: Obtain special instructions before use.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P321: Specific treatment (see supplemental first aid instruction on this label)

P362+P364: Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BENZENESULFONIC ACID, C10-16-ALKYL DERIVS., CALCIUM SALTS - REACH registered number(s): 01- 2119492627-25-0001

EINECS	CAS	PBT / WEL	CLP Classification	Percent
271-529-4	68584-23-6	-	Skin Sens. 1B: H317	1-10%

ZINC OXIDE

-	1314-13-2	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-10%
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TITANIUM DIOXIDE - REACH registered number(s): 01-2119489379-17-0040

236-675-5	13463-67-7	-	Carc. 2: H351	1-10%
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SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS - REACH registered number(s): 01-2119488992-18-0001

263-093-9	61789-86-4	-	Skin Sens. 1B: H317	1-10%
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BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS - REACH registered number(s): 01- 2119492616-28-0004

274-263-7	70024-69-0	-	Skin Sens. 1B: H317	1-10%
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BUTYLATED HYDROXYTOLUENE - REACH registered number(s): 01-2119565113-46-XXXX

204-881-4	128-37-0	-	Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters



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Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust. Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): PC24: Lubricants, greases, release products.

Section 8: Exposure controls/personal protection

8.1. Control parameters



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Hazardous ingredients:**ZINC OXIDE****Workplace exposure limits:****Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m ³	10 mg/m ³	-	-

TITANIUM DIOXIDE

EU	10 mgm ³	-	4 mgm ³	-
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BUTYLATED HYDROXYTOLUENE

UK	10 mgm ³	-	-	-
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DNEL/PNEC Values**Hazardous ingredients:****BENZENESULFONIC ACID, C10-16-ALKYL DERIVS., CALCIUM SALTS**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	11.75 mg/M ³	Workers	Systemic
DNEL	Dermal	3.33 mg/kg	Workers	Systemic
DNEL	Dermal	1.03 mg/cm ²	Workers	Systemic

SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	11.75 mg/M ³	Workers	Systemic
DNEL	Dermal	3.33 mg/kg	Workers	Systemic
DNEL	Dermal	1.03 mg/cm ²	Workers	Systemic

BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	11.75 mg/M ³	Workers	Systemic
DNEL	Dermal	3.33 mg/kg	Workers	Systemic
DNEL	Dermal	1.03 mg/cm ²	Workers	Systemic

BUTYLATED HYDROXYTOLUENE

Type	Exposure	Value	Population	Effect
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DNEL	Inhalation	1.76 mg/m ³	Workers	Systemic
DNEL	Dermal	0.5mg/kg	Workers	Systemic
DNEL	Inhalation	0.435mg/m ³	Consumers	Systemic
DNEL	Dermal	0.25mg/kg	Consumers	Systemic
DNEL	Oral	0.25mg/kg	Consumers	Systemic

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: White

Odour: Barely perceptible odour

Solubility in water: Insoluble

Melting point/range°C: >250C

Flash point°C: >200

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions



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Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

BENZENESULFONIC ACID, C10-16-ALKYL DERIVS., CALCIUM SALTS

DERMAL	RBT	LD50	>5,000	mg/kg
ORAL	RAT	LD50	>5,000	mg/kg

ZINC OXIDE

IPR	RAT	LD50	240	mg/kg
ORL	MUS	LD50	7950	mg/kg

TITANIUM DIOXIDE

DUST/MIST	RAT	LD50	>6.82	mg/l
ORAL	RAT	LD50	>2000	mg/kg

BUTYLATED HYDROXYTOLUENE

DERMAL	RAT	LD50	>2,000	mg/kg
ORAL	RAT	LD50	>2,930	mg/kg



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Relevant hazards for product:

Hazard	Route	Basis
Respiratory/skin sensitisation	-	Hazardous: calculated
Carcinogenicity	--	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

BENZENESULFONIC ACID, C10-16-ALKYL DERIVS., CALCIUM SALTS

ALGAE	48H EC50	>100	µl/l
Daphnia magna	48H EC50	>100	ml/l
SHEEPSHEAD MINNOWS (Cyprindodon variegat	96H LC50	10,000	ml/l

ZINC OXIDE

ALGAE	72H ErC50	.042	mg/l
DAPHNIA	48H EC50	98	µg/l
FISH	96H LC50	320	mg/l

TITANIUM DIOXIDE

ALGAE	72H ErC50	>100	mg/l
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SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS

ALGAE	48H EC50	>100	µl/l
Daphnia magna	48H EC50	>100	ml/l
SHEEPSHEAD MINNOWS (Cyprindodon variegat	96H LC50	10,000	ml/l



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BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS

ALGAE	48H EC50	>100	µl/l
Daphnia magna	48H EC50	>100	ml/l
SHEEPSHEAD MINNOWS (Cyprindodon variegat	96H LC50	10,000	ml/l

BUTYLATED HYDROXYTOLUENE

Daphnia magna	48H EC50	0.48	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	0.24	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	>0.57	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information



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Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H317: May cause an allergic skin reaction.

H351: Suspected of causing cancer

(inhalation). H351: Suspected of

causing cancer.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long

lasting effects. H412: Harmful to aquatic life

with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.